

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(F836BE) Hex(FF0FB8) Hex(60F836) Hex(7D7079) Hex(BD0084) Hex(3D002B)

	Hex(F836BE)	Hex(FF0FB8)	Hex(60F836)	Hex(7D7079)	Hex(BD0084)	Hex(3D002B)
Hex(F836BE)		Ratio: 1.04 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(FF0FB8)	Ratio: 1.04 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(60F836)	Ratio: 2.39 Failed ⁵	Ratio: 2.49 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 12.14 Passed ⁶
Hex(7D7079)	Ratio: 1.40 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(BD0084)	Ratio: 1.79 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(3D002B)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 12.14 Passed ⁶	Ratio: 3.62 AA 18pt ²	Ratio: 2.84 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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